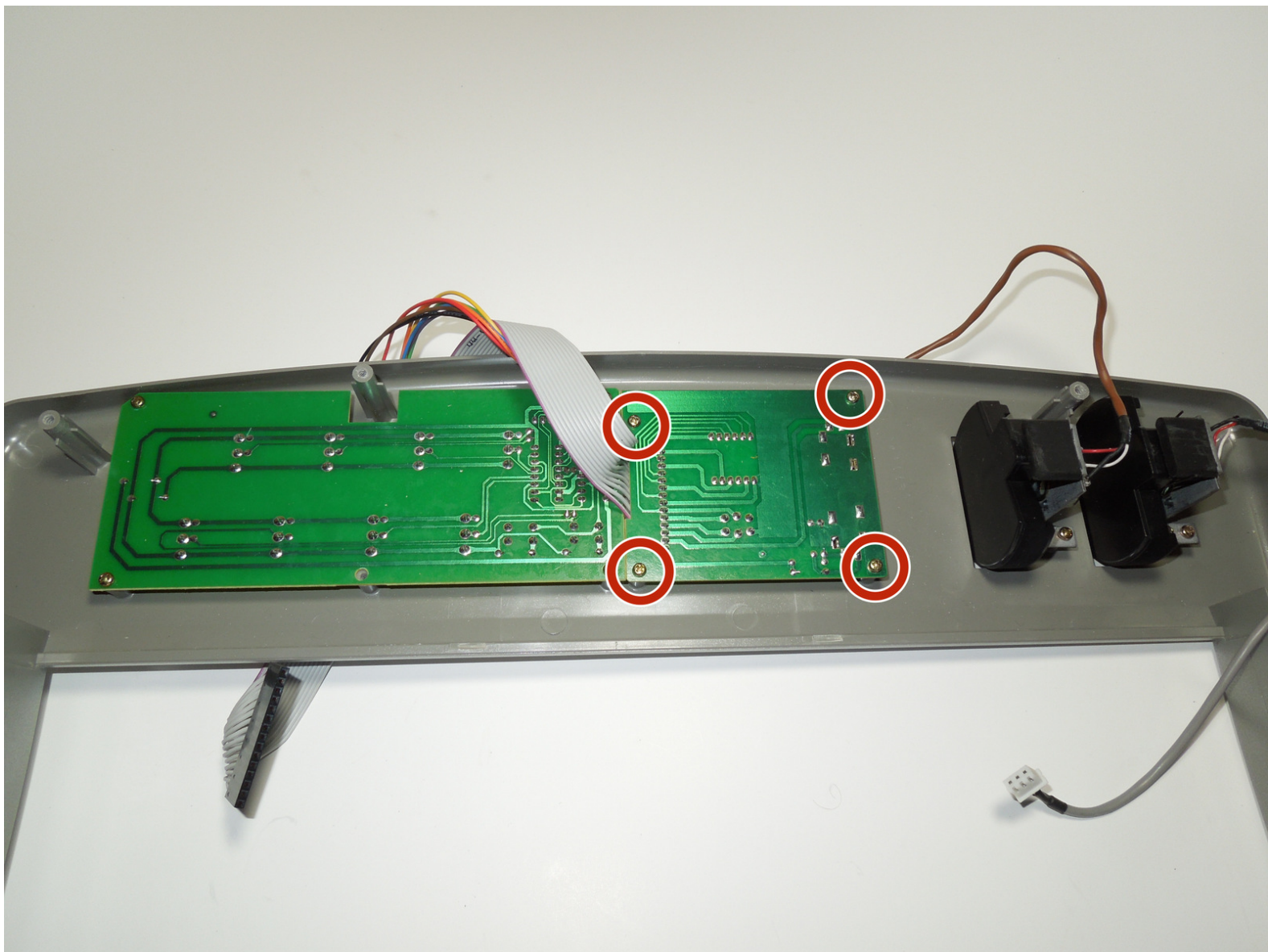




Midiman Oxygen 8 LCD Screen Replacement

This guide demonstrates how to remove and replace the LCD screen located on the front face plate.

Written By: Scott Miller

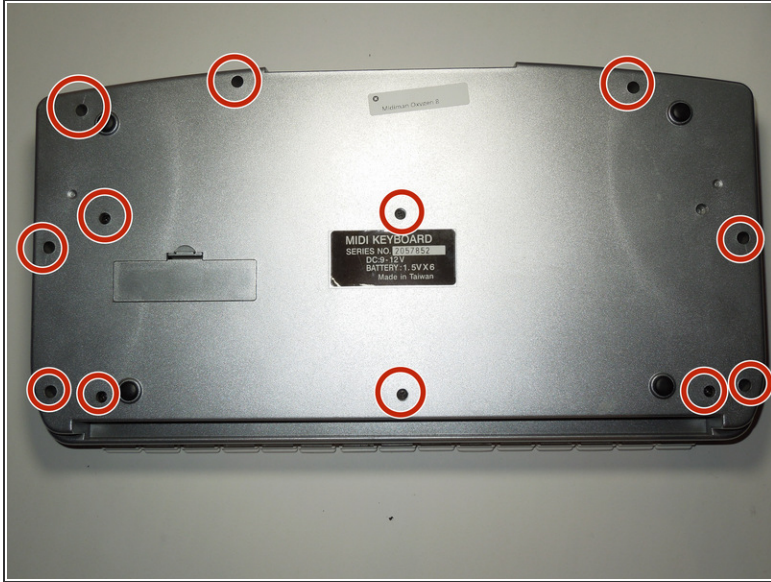




TOOLS:

- [JIS Driver Set](#) (1)
 - [Soldering Station](#) (1)
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Step 1 — Midiman Oxygen 8 Backplate Disassembly



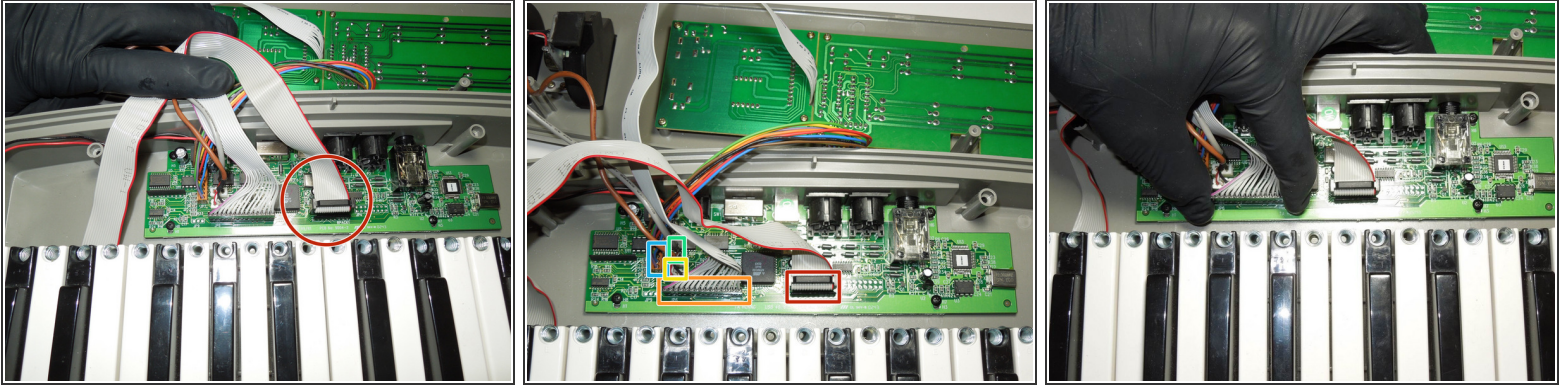
- Remove the 8 mm M3 Phillips head self tapping machine screws.
 - ⚠ Several of the screws are in narrow, deep sockets; make sure to use an appropriate screw driver to remove them so as not to damage the cover during removal.
- Remove all 13 of the back plate screws.

Step 2



- Remove the two highlighted 10 mm M3 galvanized machine screws using the J1 head fro the iFixit Tool Kit or a comparable tool.

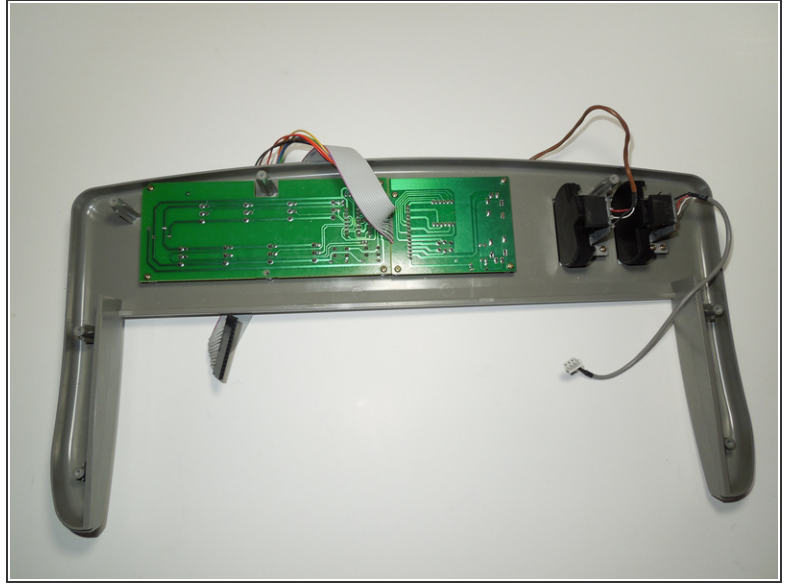
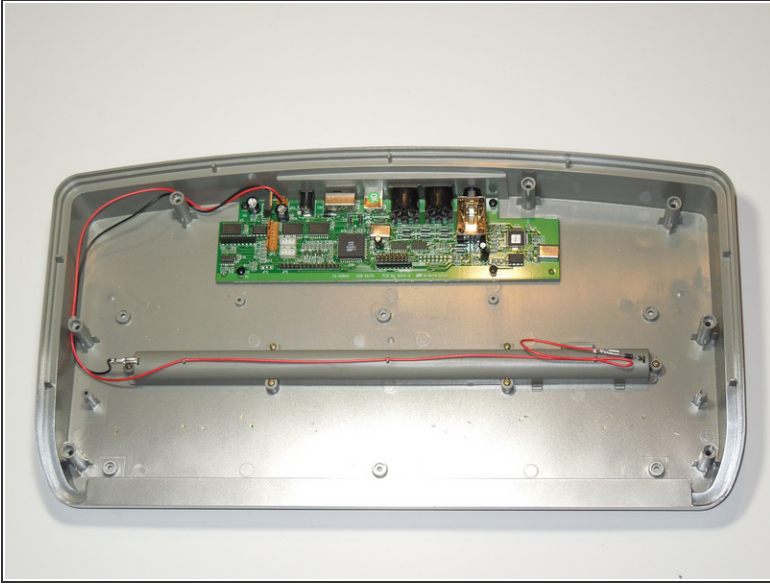
Step 3



● Removal of Ribbon Cables

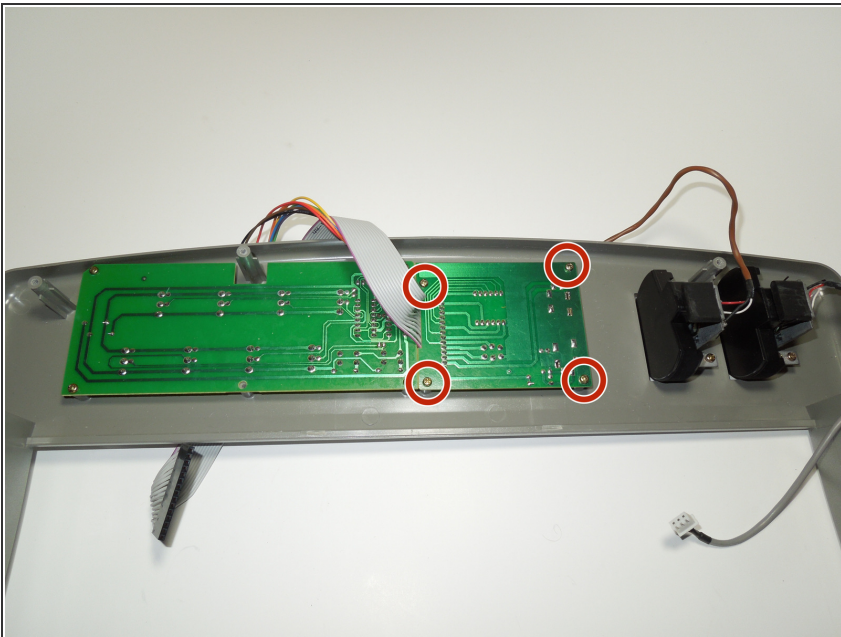
- ❗ Prior to removal, note, mark, or take photo's of the position of all connectors. Specifically note the side that the red wire is on, as ribbon cables are polarized cables that must be re-installed correctly. Installing the cables backwards may cause damage to the device or significantly hinder the troubleshooting process.
- To separate the back plate, remove all five cables that connect to the motherboard but do not originate from the back plate; the key assembly, LCD circuit, rotor tuning circuit, and the pitch and modulator circuits. None of these cables require tools to remove, simply apply firm upward pressure to remove them.

Step 4



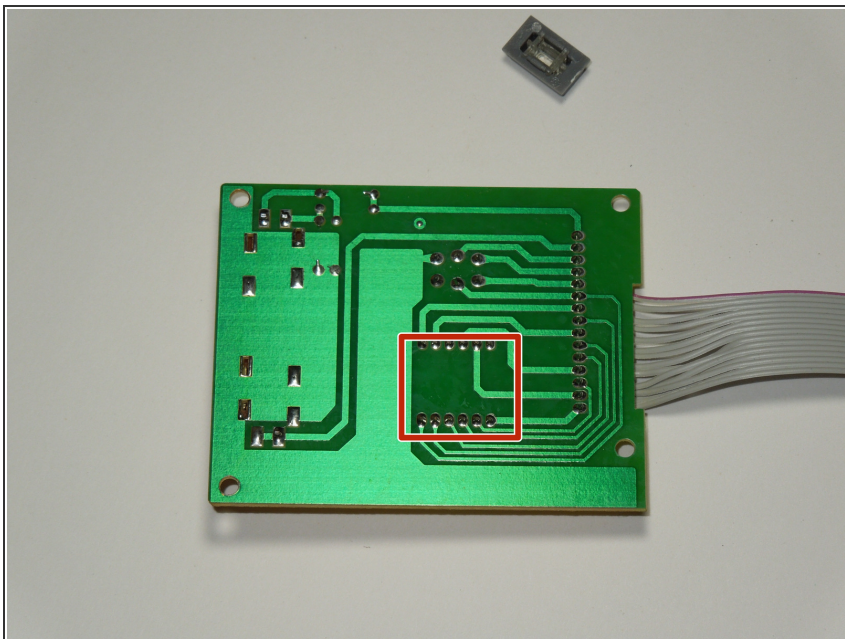
- Remove the key assembly from the key board.
- What remains is the back plate and the top plate assemblies.

Step 5 — LCD Screen



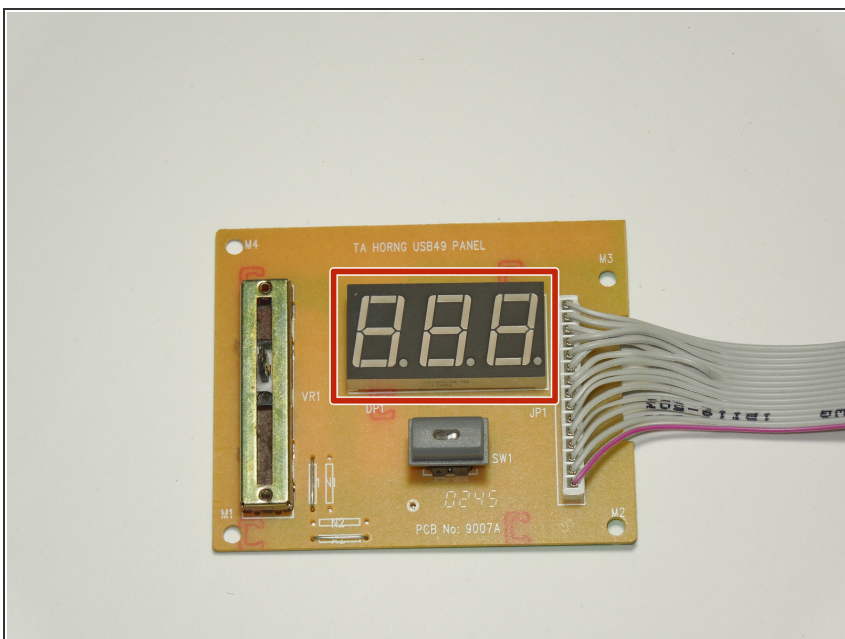
- The LCD screen is attached to the same circuit as the Data Slide bar on the reverse of the front face plate.
- Remove the four M1.5 x 3 screws

Step 6



- There are 12 contacts that must be de-soldered in order to remove the LCD screen,

Step 7



- Once the LCD screen has been de-soldered, it can be removed and replaced with a new screen.

To reassemble your device, follow these instructions in reverse order.